

Title (en)
TOUCH PANEL

Title (de)
BERÜHRUNGSTAFEL

Title (fr)
ÉCRAN TACTILE

Publication
EP 3054374 A4 20170510 (EN)

Application
EP 14847392 A 20140926

Priority
• JP 2013204458 A 20130930
• JP 2014004949 W 20140926

Abstract (en)
[origin: EP3054374A1] A touch panel is provided which is capable of enhancing the stability of the transparent electrode by reducing the effect of water infiltration, thereby improving the operational stability. The touch panel includes at least a transparent resin substrate, a transparent conductive film formed in a pattern, a metal wiring connected to the transparent conductive film, a transparent adhesive layer, and a sensor cover, wherein a vapor permeation rate of the transparent resin substrate is 1.0 g/m²·day or less under a condition of 40 °C and 90%RH.

IPC 8 full level
B32B 7/02 (2006.01); **B32B 9/00** (2006.01); **B32B 15/08** (2006.01); **G06F 3/041** (2006.01); **G06F 3/044** (2006.01); **H01B 5/14** (2006.01)

CPC (source: EP US)
B32B 7/12 (2013.01 - EP US); **B32B 15/02** (2013.01 - EP US); **B32B 15/08** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/283** (2013.01 - EP US); **G06F 3/0445** (2019.04 - EP US); **B32B 2307/202** (2013.01 - EP US); **B32B 2307/412** (2013.01 - EP US); **B32B 2307/7246** (2013.01 - EP US); **B32B 2457/208** (2013.01 - EP US); **G06F 2203/04112** (2013.01 - EP US)

Citation (search report)
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• [A] US 2010265206 A1 20101021 - CHEN KUANG-JUNG [TW]
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• See references of WO 2015045408A1

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3054374 A1 20160810; **EP 3054374 A4 20170510**; CN 105593797 A 20160518; JP 2015069508 A 20150413; TW 201519264 A 20150516; US 2016202810 A1 20160714; WO 2015045408 A1 20150402

DOCDB simple family (application)
EP 14847392 A 20140926; CN 201480054179 A 20140926; JP 2013204458 A 20130930; JP 2014004949 W 20140926; TW 103133675 A 20140929; US 201615078480 A 20160323